2. Miss Buchanan
3. ~~Miss Maguire~~, A223, Elephan
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SANDY URBAN COUNCIL

ANNUAL REPORT

FOR

1965

OF THE

Medical Officer of Health

AND

Surveyor & Public Health Inspector

The Lion Press, Sandy

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ANNUAL REPORT FOR 1965

To the Chairman and Members of
the Sandy Urban District Council

Mr. Chairman and Councillors,

I have the honour to present the Annual Report upon the health, vital statistics and sanitary conditions in respect of the Sandy Urban District for 1965.

The vital statistics for the year are satisfactory. The death rate is below the National average.

An outbreak of Whooping Cough occurred in the early part of the year. This was fully investigated and was found to be due to an unusual strain of the germ against which the present vaccine is not fully effective. The facts have been reported to the Ministry of Health. It is to be hoped that modifications being made in the methods of manufacture of the vaccine will render it more effective in the future.

In conclusion, I would like to thank the members of the Council and their staff for the help and co-operation given during the year.

I am,

Your obedient servant,

H. S. BURY,

Medical Officer of Health.

GENERAL STATISTICS

Area (in acres)	4362
Registrar-General's Estimate of Home Population ...	4330
Number of inhabited houses at the end of 1965 ...	1496
Rateable Value	£ 155,647
Sum represented by a penny rate	£604

VITAL STATISTICS FOR THE YEAR

Live Births

	Males	Females	Total
Legitimate ...	40	39	79
Illegitimate ...	4	2	6
	44	41	85

Crude Birth Rate per 1000 home population	19.6
Adjusted Birth Rate per 1000 home population	20.4
Birth Rate for England and Wales	18.1

Still Births

	Males	Females	Total
Legitimate ...	1	1	2
Illegitimnte ...	0	0	0

Still Birth Rate per 1000 home population	23.0
Still Birth Rate for England and Wales	15.7

Deaths

	Males	Females	Total
All causes ...	25	16	41

Crude Death Rate per 1000 home population	9.5
Area Comparability Factor	1.02
Adjusted Deaih Rate per 1000 home population	9.7
Death Rate for England and Wales	11.5

Maternal Mortality—*Nil*

Death of Infants under one year of age

	Males	Females	Total
Legitimate ...	1	1	2
Illegitimate ...	0	0	0

Rate for all infants per 1000 live births	23.5
Rate for England and Wales	19.0
Peri-natal Mortality Rate	50.0

CAUSES OF DEATH

The following table shows causes of death as given in the Registrar-General's statistics.

Causes	Under 16 years		16—64		65 and Over		Total
	M	F	M	F	M	F	
1. Tuberculosis, respiratory	...	...	...	...	...	...	...
2. Tuberculosis, other	...	...	...	...	...	...	...
3. Syphilitic disease	...	...	1	...	...	...	1
4. Diphtheria	...	...	...	...	...	...	...
5. Whooping Cough	...	...	...	...	...	...	...
6. Meningococcal infections	...	...	...	...	...	...	...
7. Acute poliomyelitis	...	...	...	...	...	...	...
8. Measles	...	...	...	...	...	...	...
9. Other infective and parasitic diseases	...	...	...	...	...	...	...
10. Malignant neoplasm, stomach	...	...	...	...	...	...	...
11. Malignant neoplasm, lungs, bronchus	...	...	2	...	...	1	3
12. Malignant neoplasm, breast	...	...	...	1	...	1	2
13. Malignant neoplasm, uterus	...	...	...	...	...	...	...
14. Other malignant & lymphatic neoplas	...	...	2	...	1	1	4
15. Leukæmia, aleukæmia	...	...	...	...	...	...	...
16. Diabetes	...	...	...	...	...	...	...
17. Vascular lesions of nervous system	...	...	2	...	2	2	6
18. Coronary disease, angina	...	...	2	...	6	2	10
19. Hypertension with heart disease	...	...	...	...	...	1	1
20. Other heart disease	...	...	...	...	1	1	2
21. Other circulatory disease	...	...	1	1	...	...	2
22. Influenza	...	...	...	...	...	...	...
23. Pneumonia	...	...	...	...	1	...	1
24. Bronchitis	...	...	...	...	1	...	1
25. Other diseases of respiratory system	...	...	...	...	...	...	...
26. Ulcer of stomach and duodenum	...	...	...	...	...	...	...
27. Gastritis, enteritis and diarrhœa	...	...	...	...	...	...	...
28. Nephritis and nephrosis	...	...	...	...	...	...	...
29. Hyperplasia of prostate	...	...	...	...	...	...	...
30. Pregnancy, childbirth, abortion	...	...	...	...	...	...	...
31. Congenital malformations	...	...	...	...	...	...	...
32. Other defined and ill-defined diseases	1	1	...	2	...	1	5
33. Motor vehicle accidents ...	1	...	1	...	...	...	2
34. All other accidents	...	...	...	...	...	1	1
35. Suicide	...	...	...	...	...	...	...
36. Homicide and operations of war	...	...	...	...	...	...	...
Totals	2	1	11	4	12	11	41

CAUSES OF DEATH IN INFANCY

Prematurity ... 1 Asphyxia ... 1

STATISTICAL TABLE 1956-1965

	Death Rate		Infant Mortality Rate		Birth Rate	
Year	Sandy U.D.	England & Wales	Sandy U.D.	England & Wales	Sandy U.D.	England & Wales
1956	9.0	11.7	14.7	23.8	18.1	15.7
1957	13.1	11.5	24.4	23.0	10.8	16.1
1958	9.0	11.7	13.5	22.5	19.7	16.9
1959	11.7	11.6	18.5	22.0	14.2	16.5
1960	14.2	11.5	15.2	21.7	17.0	17.1
1961	9.9	12.0	33.3	21.4	15.5	17.1
1962	10.9	11.9	—	21.4	16.4	18.0
1963	12.3	12.2	—	20.9	19.6	18.2
1964	10.8	11.3	—	20.0	14.9	18.4
1965	9.7	11.5	23.5	19.0	19.6	18.1

GENERAL PROVISIONS OF HEALTH SERVICES

Public Health Officers—

Medical Officer of Health—
Dr. H. S. Bury, M.R.C.S., L.R.C.P., D.P.H.

Surveyor and Public Health Inspector—
James Stirling, Cert.R.S.A. (Scot.)

Laboratory Facilities

The services of the Public Health Laboratory, General Hospital, Kimbolton Road, Bedford, are available for the examination of any material submitted by the Health Department or by General Practitioners. This service is under the direction of the Medical Research Council through the Ministry of Health, and there is no charge to the Council. The Laboratory undertakes the examination of throat swabs, sputum, urine and fæces, and blood from cases of suspected infectious disease, and advice and assistance is always available.

Services provided by the County Council under the National Health Service Act, 1946

1. Ambulance

The Bedfordshire County Council provides a complete service covering the whole of the County. The service is a twenty-four hour one and is free of charge, and is available for the removal of cases requiring admission to hospital and also for the transport of patients who are unable to use other means of transport to and from Hospitals or Clinics, so that they can receive any necessary treatment. The request for the provision of an ambulance must be made by a General Practitioner or by an Authorised Person.

The service is also available for the transport of persons suffering from infectious disease to isolation hospital.

The following depots are situated in the eastern and northern districts of the County :

Biggleswade...Crab Lane ... Tel.—Biggleswade 2295/2287
Bedford ...Bedford Road,
Kempston . . Tel.—Bedford 5335 & 5336

2. Midwifery and Domicilliary Nursing

Name and Address of Nurse—
Mrs. R. E. Greenhill, 57 All Saints Way, Sandy (Phone 547)

3. Health Visiting

Name and Address of Health Visitors—
Miss N. Bulling, 75 Goldington Avenue, Bedford.
Miss J. Watkins, 39 Sandfields Road, St. Neots.

4. Clinic Child Welfare

Sandy—Every alternate Thursday afternoon and Friday afternoon monthly.

General Provision of Health and Medical Services in the Area provided by the North Western Metropolitan Regional Hospital Board

GENERAL HOSPITALS

Bedford Gen. Hospital, South Wing, Kempston Road, Bedford
Bedford Gen. Hospital, North Wing, Kimbolton Road, Bedford
North Herts. & South Beds. Hospital, Hitchin, Herts.
Lister Hospital, Hitchin, Herts.

GERIATRIC HOSPITALS

Bedford Gen. Hospital, North Wing, Kimbolton Road, Bedford
Clapham Hospital, near Bedford
Biggleswade Hospital, Potton Road, Biggleswade

MATERNITY HOSPITALS

Bedford Gen. Hospital, North Wing, Kimbolton Road, Bedford
North Herts. & South Beds. Hospital, Hitchin, Herts.

INFECTIOUS DISEASE

Spittlesea Isolation Hospital, Luton

PSYCHIATRIC

Three Counties Hospital, Arlesey

MENTALLY SUB-NORMAL

Bromham Hospital, near Bedford

CHEST CLINIC (For Pulmonary Tuberculosis)

Bedford Gen. Hospital, North Wing, Kimbolton Road, Bedford

VENEREAL DISEASE CLINIC

Bedford Gen. Hospital, South Wing, Kempston Road, Bedford

MINIATURE RADIOGRAPHY

Biggleswade (The Lawns) Tuesdays 11.15 to 11.45 a.m.

PHYSIOTHERAPY CLINIC

Biggleswade (The Lawns) Monday, Wednesday and Friday afternoons

BACTERIOLOGICAL LABORATORY

Bedford Gen. Hospital, North Wing, Kimbolton Road, Bedford

SANITARY CIRCUMSTANCES OF THE AREA

Water Supply

The water supplied in the area has proved satisfactory in quantity and quality. It is pumped direct from Greensand and requires no treatment other than chlorination.

No results of bacteriological examination of the raw water are available but samples of the water from the various points in the distribution system are taken regularly by the Water Board and by this Authority and all have been sterile.

The water is of a high standard of organic purity and is not plumbo-solvent. The following report by the Counties Public Health Laboratories is of a sample sent in for examination.

Chemical Results in parts per Million

Appearance—Clear and bright.	
Turbidity	Nil
Colour	Nil
Odour	Very faint chlorinous
Reaction pH	7.4
Free Carbon Dioxide	17
Electric Conductivity	410
Dissolved Solids	285
Chlorine present as Chloride	15
Alkalinity as Calcium Carbonate	185
Hardness—Total	210
Carbonate	185
Non-Carbonate	25
Nitrate Nitrogen	0.0
Nitrite Nitrogen	Absent
Ammoniacal Nitrogen*	0.03
Albuminoid Nitrogen*	0.02
Metals—Iron, Zinc, Copper, Lead, Manganese	Absent
Oxygen absorbed	0 10
Residual Chlorine	0.04

*To convert to Ammonia multiply by 1.21

Distribution of Water

All houses are supplied with mains water, except two.

INFECTIOUS DISEASES OTHER THAN TUBERCULOSIS

(a) General Statistics

The following table shows the number of cases of infectious diseases notified during the year, together with the number of cases admitted to hospital and the deaths from these diseases.

Diseases (other than Tuberculosis) notified during the year 1965

Disease	Total Cases notified	Cases admitted to Hospital	Total deaths registered
Infective Hepatitis ...	3	...	...
Whooping Cough	25	...	...
Dysentery	1	...	...
Measles	61	...	...
Pneumonia	5	...	...
Opthalmia Neonatorum ...	1	...	...

Vaccination and Immunisation

It is now possible to protect persons against an increasing number of infections by the use of vaccines and toxoids. The Bedfordshire County Council is responsible for the provision of this service which is given direct at clinics or through the General Medical Practitioners. Diphtheria, Whooping Cough, Tetanus, Poliomyelitis, Smallpox and Tuberculosis are the diseases dealt with.

TUBERCULOSIS

The following table shows the number of new cases of Tuberculosis notified and the number of deaths recorded since 1956

	New Cases					Deaths				
	Pulmonary		Non-Pulmon'y		Total	Pulmonary		Non-Pulmon'y		Total
	M	F	M	F		M	F	M	F	
1956	...	1	...	1	2	...	...	...	...	...
1957	1	...	...	...	1	...	...	...	...	...
1958	...	...	...	...	...	...	...	...	...	...
1959	...	...	...	...	...	...	1	...	...	1
1960	1	1	1	...	3	...	...	...	...	...
1961	...	...	...	...	...	...	...	...	...	...
1962	...	...	...	...	...	...	...	...	...	...
1963	...	...	...	...	...	...	...	...	...	...
1964	..	..	...	...	...	...	...	...	...	...
1965	...	...	...	...	...	...	...	...	...	...

The Mobile Chest X-Ray Unit now visits Biggleswade regularly to provide a service for local medical practitioners. It is stationed at "The Lawns" every Tuesday morning, between 11.15 a.m. and 11.45 a.m.

REPORT OF THE PUBLIC HEALTH INSPECTOR AND SURVEYOR FOR THE YEAR 1965

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present my First Annual Report to this Council.

1. Drainage and Sewerage

The town is sewered along all the main streets and roads. Swaden, Stratford Road, Station Road, Ivel Road, Tempsford Road, Beeston Green and Seddington are not sewered. Advantage is to be taken during private house development off Ivel Road to lay a sewer in the near future.

2. Rivers and Streams

The Ivel Internal Drainage Board undertake the cleaning of all streams.

3. Houses connected to Sewer, etc.

1,320 Houses connected to sewer. 115 Houses with water closets connected to septic tanks. 33 Houses with pails.

Conversions from Pails to Water Closets

Total number of conversions since 1945 ... 157

4. Public Cleansing

The collection of household refuse and the emptying of pails is carried out by the Council's workmen in a ten cubic yard Karrier. Provision is made in the 1966-1967 Estimates for a new Musketeer Refuse Vehicle which should come into service in the latter part of 1966 The Karrier is supplemented by the tractor and trailer when necessary. The work is generally satisfactory. The emptying of cesspools is carried out by contract. A trial area of paper sacks refuse collection service has been inaugurated on a new Estate comprising 131 private development and 57 Council houses, flats and bungalows. It is still much too early to make any assessment.

The following is a summary of the work carried out during the year :

Total number of visits made	87,670
Ashbins emptied	84,370
Cesspools	21
Pail closets emptied	3,300
Loads of refuse and night soil removed ...	834

Street Gullies are emptied regularly and street scavenging is done at regular intervals.

5. Public Health and Housing Inspection

The following inspections were made and nuisances abated or defects remedied by informal action :

Housing defects	41
Unfit Houses	NIL
Miscellaneous	29
Council House repairs	1291
Visits to work in progress	500
Routine Inspections ... ... (not including Council Houses)	490
Number of Dwelling Houses in respect of which Demolition Orders were made	NIL
Number of Dwelling Houses demolished in pursuance of Demolition Orders ...	NIL
Buildings erected without Plans and not complying with Byelaws	1

During the year plans were prepared in the Department for Stone Row (Senior Citizens Estate), comprising 23 Bungalows, Warden's Flat/Guest Room and Community Rooms, also for extension of 10 Houses Longfield Road Housing Scheme.

6. Shops

No action with regard to shops was found necessary.

7. Factories and Workshops

There are 44 Factories and Workshops on the Register.

Builders	14	
Joiners		
Painters		
Plumbers		
Bakers		2
Boot Repairers		2
Cycle Repairers		2
Packing Vegetable Goods		1
Animal Feeding Stuffs		1
Porcelain, Electrical		1
Electrician		1
Millers		3
Motor Engineers.....		5
Printers		2
Saddlers		1
Stone Mason		1
Coach Builder		1
Clothing Factory.....		1
Scaffolding and Form Work.....		1
Cafes		4
Paint Spraying Workshop		1

Administration of the Factories Acts 1937 and 1948

Part I of Act

INSPECTIONS

Premises (1)	Number on Register (2)	Inspections (3)	Number of Written Notices (4)	Occupiers Prosecuted (5)
(1) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorites	44	...	...	...
(2) Factories not included in (1) in which Section 7 is enforced by Local Authority				
(3) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises) ...	...	...	...	...
Total	44	...	...	...

Cases in which Defects were found

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	Referred by H.M. Inspector (5)	
Want of cleanliness [s.1]	...	...	...	...	...
Overcrowding [s.2]	...	...	...	...	...
Unreasonable temperature [s.3]	...	...	...	...	...
Inadequate ventilation [s.4]	...	...	...	...	...
Ineffective drainage of floors [s.6]	...	...	...	...	...
Sanitary Conveniences: [s.7]					
(a) Insufficient ...	...	...	...	...	...
(b) Unsuitable or def'tive	...	...	...	...	...
(c) Not separate for sexes	...	...	...	...	...
Other Offences against the Act (not including offences relating to outwork)	...	...	...	...	...
Total	...	...	...	...	...

Part VIII of the Act

OUTWORK

	Section 110			Section 111		
Nature of Work (1)	No. of outworkers in August list required by ec. 110(1)c (2)	No. of cases of default in sending lists to ouncil (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecutions (7)
Wearing apparel making, etc'	1	...	...	...	...	...

Inspection and Supervision of Food

(a) Milk Supply

2 Firms are registered under the Milk and Dairies Order, Retail Purveyors only.

(b) Meat and Other Foods

There are no slaughter houses in the Urban District.

Food

Voluntary surrender of the undermentioned foodstuffs found to be unfit for human consumption has been made.

10 lbs. Eclipse Sheep Liver

(c) Ice Cream

Fifteen premises are registered for the sale of Ice Cream. It is purchased from reputable manufacturers. Ice cream is not manufactured in the Urban District.

Sewage Disposal Works

There are now 1,320 houses connected to the sewer. The majority of the houses along the High Road have now been connected up to the sewer. The sewage from The Baulk and the High Road is forced over the River Ivel by means of two electric motors, automatic float control and squirrel cage type pumps situated in The Baulk.

The motors and pumps have given excellent results, and require the minimum of attention.

The sewage arrives at the works 13′ 3″ below ground level, and forced to the Continuous Flow Tanks by two Mirlees-Watson Electric Motors and centrifugal pumps. The motors have given an excellent performance. They are automatic and controlled by electrodes.

A report was submitted to the Public Health Committee during the year by Consultant Engineers and was approved. Instructions were issued to proceed for approval of Ministry of Housing and Local Government and to go to tender. It is estimated that the cost will approach £250,000, including provision for special treatment of trade effluent.

Several samples of the effluent were taken during the year and submitted to the Counties Public Health Laboratories for examination ; the analysis of which proved satisfactory. One sample was taken by an Inspector of the River Board which was stated to be unsatisfactory.

Trade Effluent

Several samples were taken during the year and sent to the County's Public Health Laboratory in London, none of which proved satisfactory. Numerous visits were made to the Sewage Works and a visit was made every evening during which overtime was being worked. The sewers were extended during the year by a further extension of the Western Way and Rectory Estates.

The Pumping Station on the Rectory Estate has not worked very efficiently but consultations and investigations have been, and are still, in progress, and results should prove satisfactory.

Rainfall

Year.....	1955	1960	1961	1962	1963	1964	1965
Inches ...	14.31	26 62	18.78	17.515	18.73	15.390	24.93

		Greatest Rainfall in 24 hours		No. of days with	
	Total	Inches	Date	.01 or over	.04 or over
January	1.94	.44	9	18	11
February	.53	.15	16	7	5
March	2.00	.90	20	15	10
April	2 05	.35	20	14	13
May	1.67	.36	4	17	13
June	1.31	.27	7	11	8
July	3.56	.94	20	17	14
August	2.49	.51	2	12	11
September	3.42	.89	3	15	11
October	.59	.25	14 & 31	5	3
November	2.17	.45	7	18	16
December	3.20	.37	4	18	16
	24.93			167	131

Summary of Electricity Consumed

Year.....	1955	1960	1961	1962	1963	1964	1965
Units...	13,337	16,922	17,835	18,068	19.479	20,572	22,402

Council Houses Painted, 1965

91 ... £1,376 10s. 0d.

Number of Houses owned by the Council

Pre-War	226
Cemetery Cottage	1
Post War	253

Houses and Bungalows erected since 1945

Local Authority	*Private*
10 Prefabs	61 Bungalows
49 Bungalows	219 Houses
196 Houses	3 Flats
255 Total	283 Total

Number for 1965

Local Authority	*Private*
2	92
(47 in Scheme)	

Building Regulations, 1965

The imminence of coming into operation of these complicated controls necessitated much study in the latter part of the year. To this end the General Foreman (Mr. Hunt) and Technical Assistant (Mr. Handson) attended many meetings of Beds. County Building Inspectors to help iron out problems.

Plans submitted during the year

Outline development	30
Industrial development	6
Dwelling Houses	44
Additions and extensions	21
Conversions	2
Caravan Site Renewals	5
Caravan Site	1
Garages	22
Advertisements	9

Agricultural Buildings	6
Shop Fronts	3
Change of Use	4
Offices	3
Electricity Sub-station	1
Electricity Overhead Lines	4

Swimming Baths and Pools

There are no public swimming baths or pools in the district.

New Streets and Sewers

New Roads	...	1040 yards
Sewers	...	1758 yards

Much time has been spent on consultation with G.L.C. officials and Beds. County Council Departments on some of the problems of Town Development. Preparation of housing plans for Senior Citizens with the many features peculiar to these members of the community has also occupied a great amount of staff time. Many projects and routine duties could not have been possible but for the willing shouldering of responsibilities by all members of my staff, to whom I am very grateful—in particular Mr. Hunt has been outstanding and relieved me of many worries and duties.

I cannot round off this rather bald report without mentioning the excellent help and co-operation I have enjoyed from the Clerk (Mr. Hanford) and his staff during the year.

Lastly, Ladies and Gentlemen, I am very grateful for the sympathetic treatment received from all members during a first difficult year.

I am, Ladies and Gentlemen,

Your obedient servant,

JAMES STIRLING,

CERT.R S.A.(SCOT), M.A.P.H.I.

Surveyor and Public Health Inspector.